FORM PTO-1390 (REV. 01-2003)

U.S. DEPARTMENT OF CO

CE PATENT AND TRADEMARK OFFICE

ATTORNEYS DOCKET NUMBER 00017/02PCT

			ER TO THE UNITED STATES	<u>,,,</u>					
		DESIGNATED/ELEC	U.S. APPLICATION NO. (If known, see 37						
		CONCERNING A FIL	ING UNDER 35 U.S.C. 371	10/516382					
IN	INTERNATIONAL APPLICATION NO. PRIORITY DATE CLAIMED: 29 MAY 2003 PRIORITY DATE CLAIMED: 30 MAY 2002								
		OF INVENTION ODS AND APPARATUS FOR TREA	ATING METAL ION CONTAINING STREAMS						
		CANT(S) FOR DO/EO/US nnicliffe and Raymond Mt.Joy							
Ap	plicar	ant herewith submits to the United States	s Designated/Elected Office (DO/EO/US) the following i	tems and other information:					
1.	$\boxtimes$	This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.							
2.		This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.							
3.	☒	This is an express request to begin national examination procedures ()(f). The submission must include items (5), (6), (9) and (21) indicated below.							
4.	$\boxtimes$	The US has been elected (Article 31).							
5.	$\boxtimes$	A copy of the International Application as filed (35 U.S.C. 371(c)(2))							
		a. $\square$ is attached hereto (required	only if not communicated by the International Bureau).	• .					
		b. $\square$ has been communicated by the International Bureau.							
	•	c. 🗵 is not required, as the application was filed in the United States Receiving Office (RO/US)							
6.		An English language translation of th	e International Application as file (35 U.S.C. 371(c)(2)).						
		a 🗓 is attached hereto (required only if not communicated by the International Bureau).							
		b.  has been communicated by	the International Bureau.						
7. ·		Amendments to the claims of the Inte	rnational Application under PCT Article 19 (35 U.S.C. 3	71(c)(3)).					
		a. $\square$ is attached hereto (required only if not communicated by the International Bureau).							
		b. $\square$ has been communicated by the International Bureau.							
	٠	.c. $\square$ has been communicated by	the International Bureau.						
		d.  has been communicated by the International Bureau.							
8.		An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).							
9.		An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).							
10.		36 (35 U.S.C. 371(c)(5)).							
11.	_	ns 11 to 20 below concern document(s) or information included:  An Information Disclosure Statement under 27 CER 1 07 and 1 08							
12.		An Information Disclosure Statement under 37 CFR 1.97 and 1.98.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.							
13.	_	A preliminary amendment.							
14.	,								
15.	=	A substitute specification.							
16.	=	A power of attorney and/or change of address letter.							
17.	_	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.							
18.	_	A second copy of the published international application under 35 U.S.C. 154(d)(4).							
19.	_	A second copy of the English language translation of the International application under 35 U.S.C. 154(d)(4).							
20.	=								
	_		<b>-</b> *						

U.S. APPLICATION P. (ITA	51638	INTERNAT	TIONAL APPLICATION NO.	ATTORNEY	Y DOCKET NUMBER				
21. The following fees are submitted:  BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):  Neither international preliminary examination fee (37 CFR 1.482)  nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO  and International Search Report not prepared by the EPO or JPO									
	nary examination fee (32 onal Search Report prep								
	nary examination fee (37 ch fee (37 CFR 1.445(a)								
	nary examination fee (37 satisfy provisions of PC								
but all claims satisfied	ary examination fee (37)								
	ENTER APPROPRIAT			\$720.00					
earliest claimed priori	for furnishing the oath ity date (37 CFR 1.492)	\$0.00							
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$0.00					
Total claims	- 20 =	1	× \$18.00	\$18.00					
Independent claims	$\frac{}{} - 3 =$ DENT CLAIM(S) (if approximation)	0	× \$84.00 × \$280.00	\$0.00					
MULTIPLE DEPENI	JENT CLAIM(S) (II ap	\$0.00 \$738.00	<u> </u>						
		(\$369.00)							
Applicant claims reduced by 1/2.	small entity status. See	e 37 CFR 1.27. The fees	+						
			SUBTOTAL =	\$369.00					
	30.00 for furnishing the ity data (37 CFR 1.492)	(f)).	er than 30 months from the	\$0.00					
			TAL NATIONAL FEE =	\$369.00					
	enclosed assignment (3 ppropriate cover sheet (	\$0.00							
		TOTA	AL FEES ENCLOSED =	\$369.00					
				Amount to be					
		refunded:							
, <del>- ,</del>				charged:					
<ul> <li>a.  A check in the amount of \$ 369 To cove the above fees is enclosed.</li> <li>b.  Please charge my Deposit Account No In the amount of \$ to cover the above fees.</li> </ul>									
				<del></del>					
	c.								
	d. Description fees are to be charged to a credit card. WARNING: Information of this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.								
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.									
	-	F	, , , , , , , , , , , , , , , , , , ,	TIM					
SEND ALL CORRESPONDENCE TO:  SIGNATURE  SIGNATURE									
	Robert W. Strozier NAME								
				34,024					
	REGISTRATION NUMBER								
		•			•				

page i of

A FIRM SPECIALIZING IN INTELLECTUAL PROPERTY LAW INCLUDING PATENT, TRADEMARK, COPYRIGHT, TRADE SECRET LAW, UNFAIR COMPETITION AND RELATED MATTERS

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## November 30, 2004

EV 510 916 679 US

CERTIFICATION UNDER 37 C.F.R. § 1.10

Date of Deposit

I hereby certify that this Application and the documents referred to as enclosed therein are being deposited with the United States Postal Service in an envelope as "Express Vial Posts place to Addressed to:

Commissioner for Patents

MS PCT

P.O. Box 1450

30 November 2004

Alexandria, VA 22313-1450

Honorable Commissioner for Patents MS PCT P.O. Box 1450 Alexandria, VA 22313-1450

Attorney Docket No: 00017/02US

RE:

US PN: ; ID; SN: ; FD: ; based on PCT/US2003/016786

Title: Methods and Apparatus for Treating Metal Ion Containing Streams

Our Ref. No.: 00017/02US

Dear Sir/Madam:

This letter is a request to file a Utility Patent Application under 37 U.S.C. § 371 including: (1) FORM PTO-1390; (2) Copy of Request as filed; (3) Copy of PCT/IB/308; (4) Copy of PCT/IB/304; (5) Copy of PCT/IB/301; (6) Copy of PCT/ISA/220; (7) Copy of PCT/ISA/210; (8) Copy of References; (9) Copy of PCT Published Application WO03072902; (10) Petition to Revive Unintentional Abandonment; and (11) a Return Receipt Postcard.

Please address all correspondence in connection with this application to customer number:

23873

RWS/sls

Enclosures:

FORM PTO-1390 PCT Nationalization under 35 USC 371 Listed PCT Documents Return Self-Addressed Stamped Postcard

Y:\Client Files\UKL\Lobo Liquids\Lobo02\Lobo02\Lobo02\US\00017-02\US - PCT Nationalization Trans Letter.wpd